

Tipper Power Pack Range

Pre-wired hydraulic power units for tipper applications

The new range of tipper power packs are supplied completely pre-wired with the 2 button hand control, which now has the option to include an LED light and audible buzzer to let the operator know that the tipper is in operation. The control can also be supplied with an on/off switch so it can be turned off while the vehicle is being driven.

All our 12V and 24V power packs are E11 rated and are supplied with a protective plastic cover as standard, to protect the electric motor and starter.

Key features

- Fully pre-wired 2-button hand control (up/down)
- Optional LED indicator light — shows the tipper is in operation
- Optional audible buzzer — alerts the operator during operation
- Optional on/off switch — isolates the control while driving
- E11 rated 12VDC and 24VDC motors
- Protective plastic cover fitted as standard, protecting the motor and starter

Range overview

Part number	Voltage	Motor	Pump	Relief valve	Tank
YBZ6-E2.7B1W2-WUUAN2-RC	12VDC	1.5kW	2.7cc/r	180 bar	5L usable, horizontal
YBZ6-E2.7B1W2-WUUAN3-RC	12VDC	1.5kW	2.7cc/r	180 bar	6L usable, horizontal
YBZ6-E3.2D2M2-WUUBN1-RC	24VDC	2.2kW	3.2cc/r	Preset at 160 bar	10L usable, vertical
YBZ6-E4.2E2M2-WUUBN1-RC	24VDC	2.2kW	4.2cc/r	Preset at 140 bar	12L usable, vertical

Full dimensional drawings, hydraulic and electrical schematics, and bills of material for each unit in the range follow on the pages below.

Ready to spec your kit?

Talk to us about lead times and pricing.

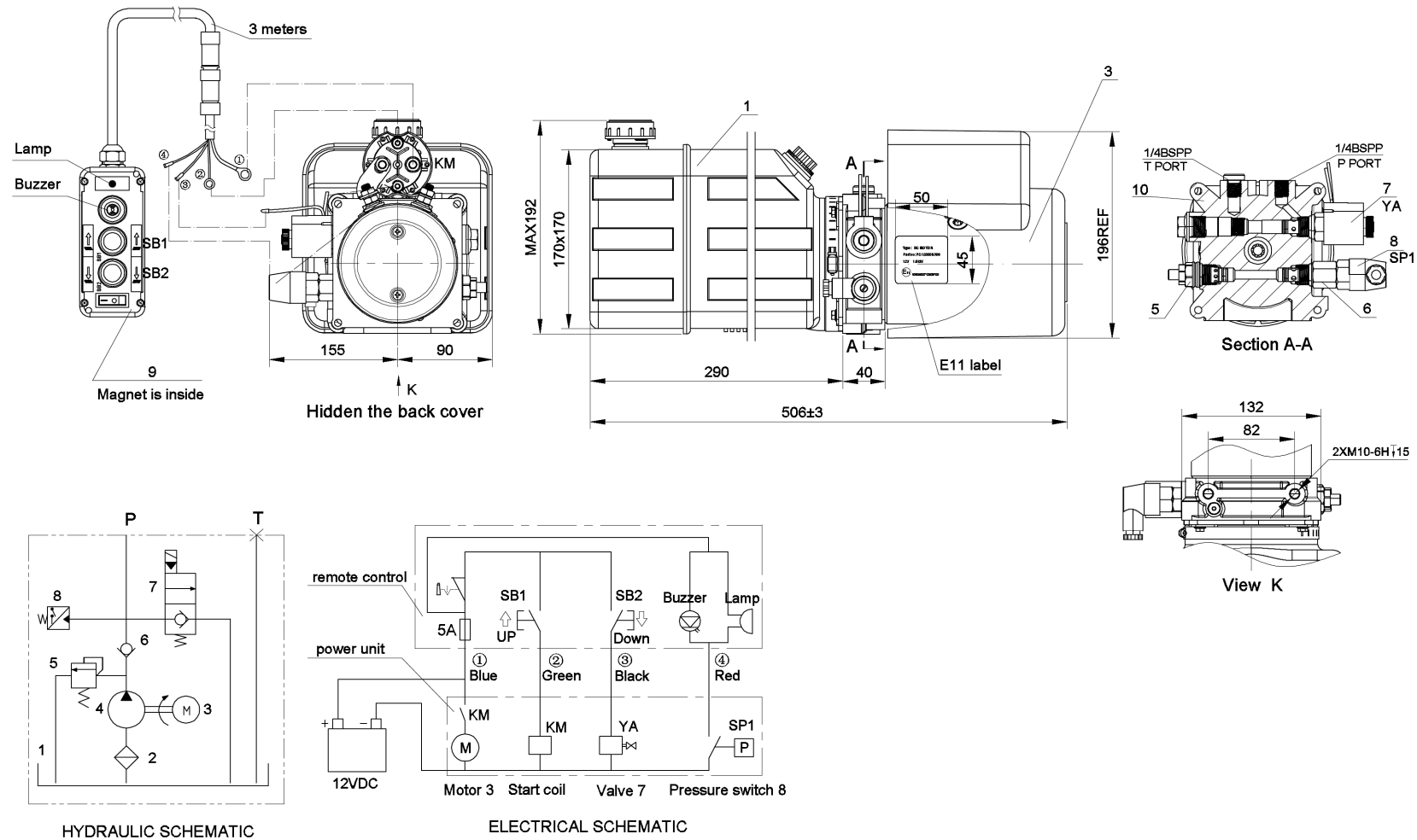
CALL 01535 617880

EMAIL sales@cchydraulics.co.uk

WEB www.cchydraulics.co.uk

YBZ6-E2.7B1W2-WUUAN2-RC

General arrangement, hydraulic schematic & electrical schematic



YBZ6-E2.7B1W2-WUUAN2-RC

Technical Data Sheet

12VDC VOLTAGE	1.5kW MOTOR	2.7cc/r PUMP	180bar RELIEF VALVE
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Tank: 5L usable, plastic, white, horizontal | Overall length: 506 ± 3mm overall

Bill of materials

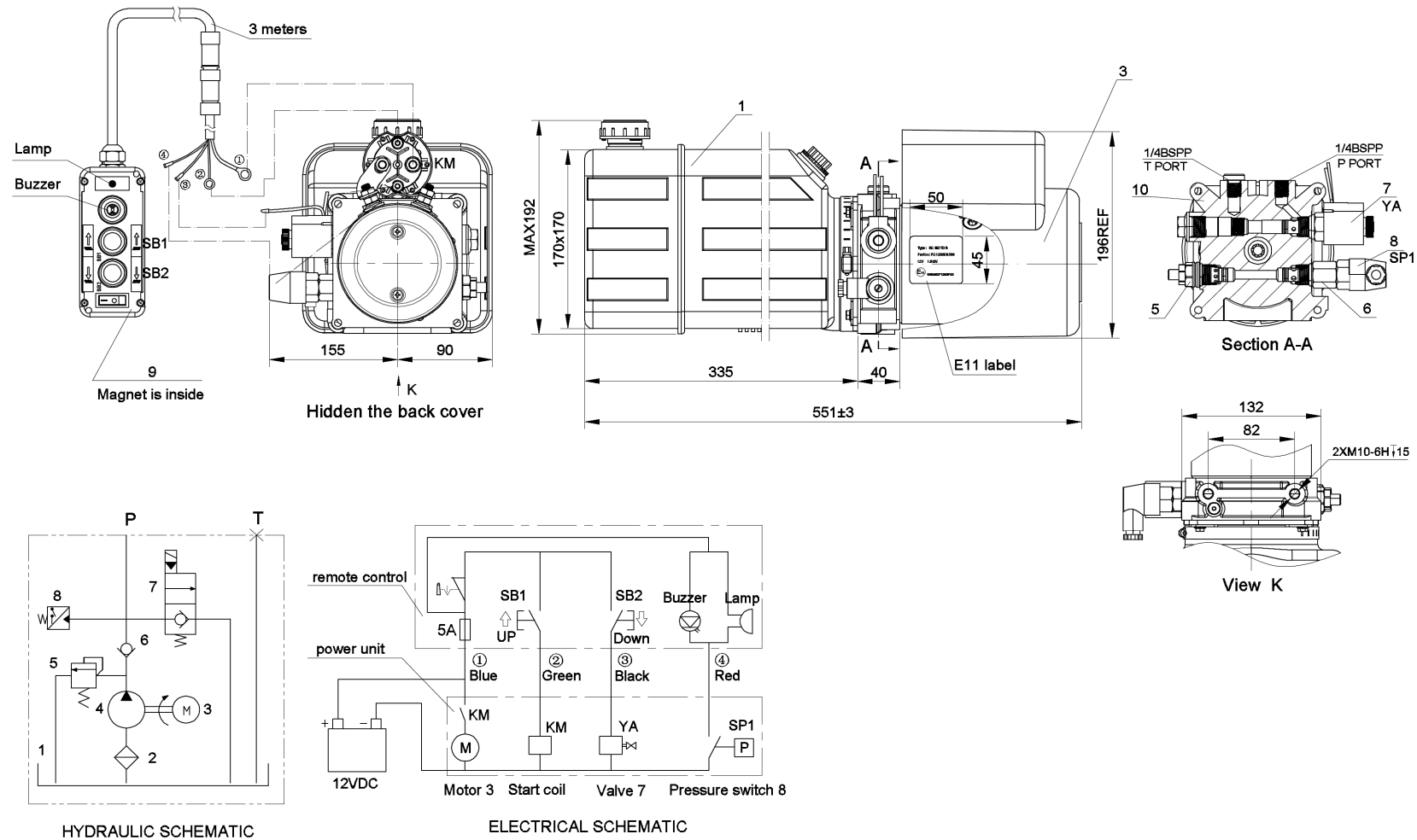
No.	Description	P/N	Technical data
10	Central Manifold	YLBZ-N2FK-1	
9	Remote Control	RCA-2B4L3M-B1	
8	Pressure Switch	LF708-11441131-12.5	10-15 bar, normally open, IP65
7	Solenoid Valve	LSV-08-2NCP-1D	2-Way, 2-Position, 12VDC
6	Check Valve	DF08-01-G1/8	With G1/8 port
5	Relief Valve	YF08-40	180 bar
4	Gear Pump	CBKA-F2.7F	2.7cc/r
3	Motor	DM22-1WWU-3BC3R-O	12VDC, 1.5kW
2	Suction Filter	YBZ-GLQ-G3/8	
1	Tank	YBZ-SLYX-5L-N	Plastic, White, 5L Usable, Horizontal

Standard features

- Fully pre-wired 2-button hand control (up/down)
- Optional LED indicator light — shows the tipper is in operation
- Optional audible buzzer — alerts the operator during operation
- Optional on/off switch — isolates the control while driving
- E11 rated 12VDC and 24VDC motors
- Protective plastic cover fitted as standard, protecting the motor and starter

YBZ6-E2.7B1W2-WUUAN3-RC

General arrangement, hydraulic schematic & electrical schematic



YBZ6-E2.7B1W2-WUUAN3-RC

Technical Data Sheet

12VDC VOLTAGE	1.5kW MOTOR	2.7cc/r PUMP	180bar RELIEF VALVE
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Tank: 6L usable, plastic, white, horizontal | Overall length: 551 ± 3mm overall

Bill of materials

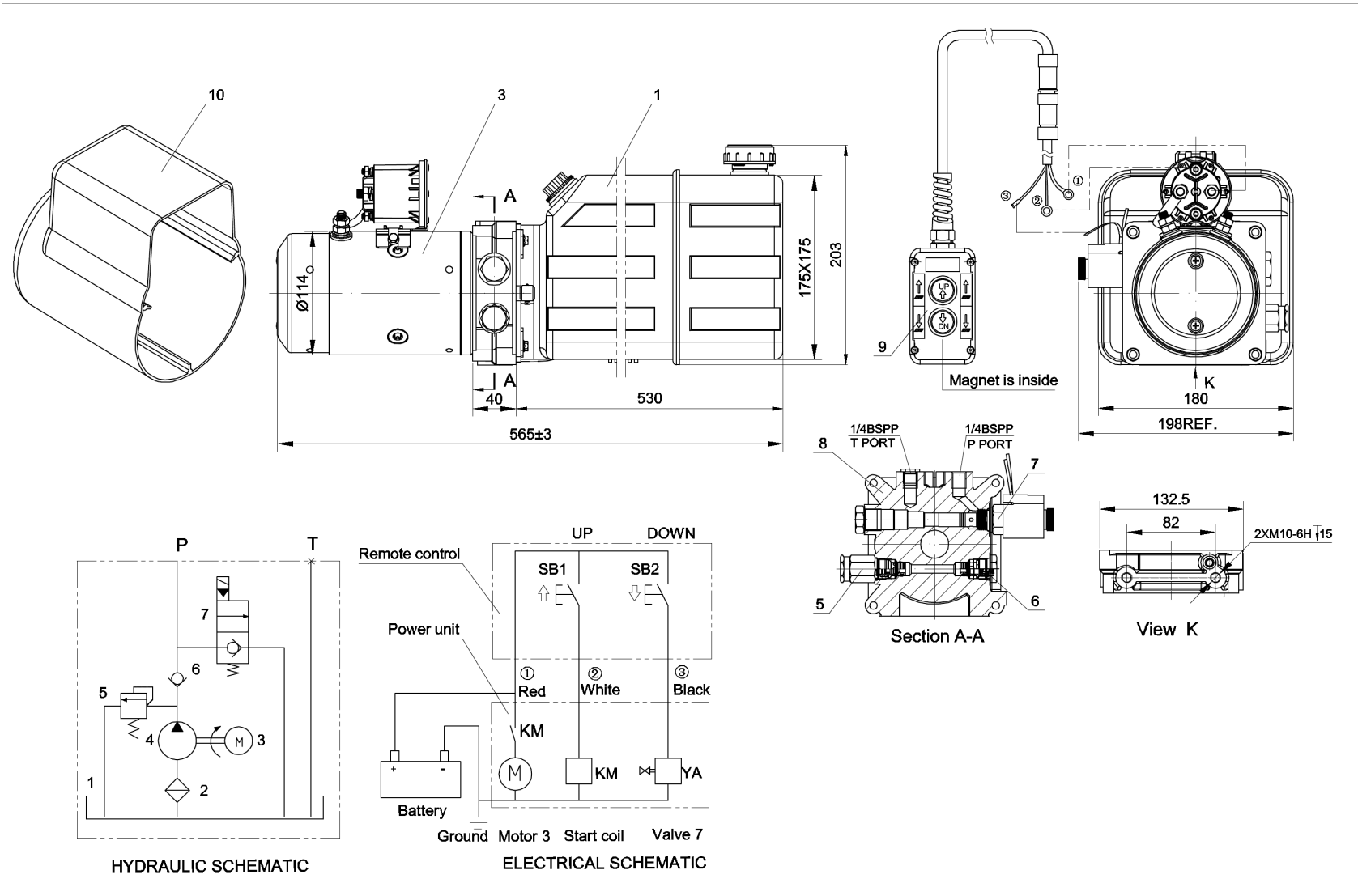
No.	Description	P/N	Technical data
10	Central Manifold	YLBZ-N2FK-1	
9	Remote Control	RCA-2B4L3M-B1	
8	Pressure Switch	LF708-11441131-12.5	10-15 bar, normally open, IP65
7	Solenoid Valve	LSV-08-2NCP-1D	2-Way, 2-Position, 12VDC
6	Check Valve	DF08-01-G1/8	With G1/8 port
5	Relief Valve	YF08-40	180 bar
4	Gear Pump	CBKA-F2.7F	2.7cc/r
3	Motor	DM22-1WWU-3BC3R-O	12VDC, 1.5kW
2	Suction Filter	YBZ-GLQ-G3/8	
1	Tank	YBZ-SLYX-6L-N	Plastic, White, 6L Usable, Horizontal

Standard features

- Fully pre-wired 2-button hand control (up/down)
- Optional LED indicator light — shows the tipper is in operation
- Optional audible buzzer — alerts the operator during operation
- Optional on/off switch — isolates the control while driving
- E11 rated 12VDC and 24VDC motors
- Protective plastic cover fitted as standard, protecting the motor and starter

YBZ6-E3.2D2M2-WUUBN1-RC

General arrangement, hydraulic schematic & electrical schematic



YBZ6-E3.2D2M2-WUUBN1-RC

Technical Data Sheet

24VDC VOLTAGE	2.2kW MOTOR	3.2cc/r PUMP	160bar RELIEF VALVE, PRESET
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Tank: 10L usable, plastic, white, horizontal | Overall length: 565 ± 3mm overall

Bill of materials

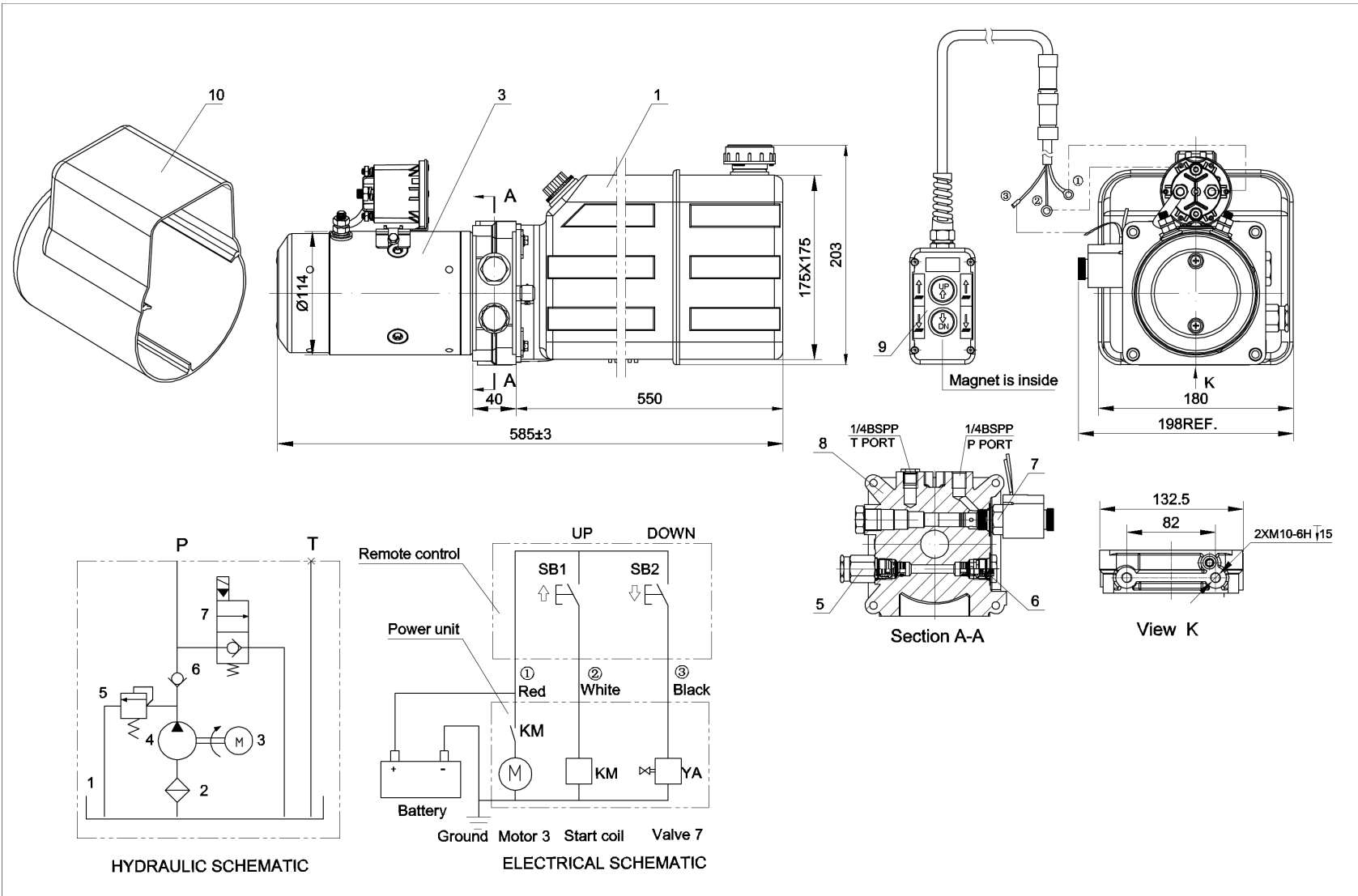
No.	Description	P/N	Technical data
10	Motor Cover	YBZ-DJZK-04	
9	Remote Control	RCA-2B3L3M-B	
8	Central Manifold	YLBZ-N2FK-1	
7	Solenoid Valve	LSV-08-2NCP-2D	2-Way, 2-Position, 24VDC
6	Check Valve	DF08-01-00	
5	Relief Valve	YF08-40	Preset at 160 bar
4	Gear Pump	CBKA-F3.2F	3.2cc/r
3	Motor	DM22-2MWU-3BA1R-O	24VDC, 2.2kW
2	Suction Filter	YBZ-GLQ-G3/8	
1	Tank	YBZ-SLYX-10L-N	Plastic, White, 10L, Horizontal

Standard features

- Fully pre-wired 2-button hand control (up/down)
- Optional LED indicator light — shows the tipper is in operation
- Optional audible buzzer — alerts the operator during operation
- Optional on/off switch — isolates the control while driving
- E11 rated 12VDC and 24VDC motors
- Protective plastic cover fitted as standard, protecting the motor and starter

YBZ6-E4.2E2M2-WUUBN1-RC

General arrangement, hydraulic schematic & electrical schematic



YBZ6-E4.2E2M2-WUUBN1-RC

Technical Data Sheet

24VDC VOLTAGE	2.2kW MOTOR	4.2cc/r PUMP	140bar RELIEF VALVE, PRESET
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Tank: 12L usable, plastic, white, horizontal | Overall length: 550 ± 3mm overall

Bill of materials

No.	Description	P/N	Technical data
10	Motor Cover	YBZ-DJZK-04	
9	Remote Control	RCA-2B3L3M-B	
8	Central Manifold	YLBZ-N2FK-1	
7	Solenoid Valve	LSV-08-2NCP-2D	2-Way, 2-Position, 24VDC
6	Check Valve	DF08-01-00	
5	Relief Valve	YF08-40	Preset at 140 bar
4	Gear Pump	CBKA-F4.2F	4.2cc/r
3	Motor	DM22-2MWU-3BA1R-O	24VDC, 2.2kW
2	Suction Filter	YBZ-GLQ-G3/8	
1	Tank	YBZ-SLYX-12L-N	Plastic, White, 12L, Horizontal

Standard features

- Fully pre-wired 2-button hand control (up/down)
- Optional LED indicator light — shows the tipper is in operation
- Optional audible buzzer — alerts the operator during operation
- Optional on/off switch — isolates the control while driving
- E11 rated 12VDC and 24VDC motors
- Protective plastic cover fitted as standard, protecting the motor and starter